

**ABSTRACT**

A method and structure for determining overall lightness contrast of an image includes extracting pixel values from the image, calculating an image edge contrast based on the pixel values, calculating an area contrast based on the pixel values, calculating image range based on the pixel values, calculating  
5 relative average lightness based on the pixel values, and calculating the overall lightness contrast of the image by combining the edge contrast, the image range, the area contrast and the relative average lightness.